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| --- | --- | --- | --- | --- | --- |
| Table S2 : Genotype of *13 kDa prolamin-*knockout lines (T0 generation) | | | | | |
| **sgRNA** | **T0 Plants** | **Transgenicity Assaya** | **Edited gene** | **Frequencyᵇ** | **Type** |
| ***SpCas9/HygR*** |
| sgRNA-pro13a | *1a* | +/+ | Pro13a-I | 51.3% | Ins |
| *2a* | +/+ | Pro13a-I | 28.5% | Del |
| *3a* | +/+ | Pro13a-I | 2.3% | Del |
| *4a* | -/- | Pro13a-I | 0.0% | WT |
| *5a* | +/+ | Pro13a-I | 0.1% | WT |
| *6a* | +/+ | Pro13a-I | 0.0% | WT |
| *7a* | -/- | Pro13a-I | 0.0% | WT |
| *8a* | +/+ | Pro13a-I | 0.0% | WT |
| *9a* | +/+ | Pro13a-I | 0.0% | WT |
| *10a* | +/+ | Pro13a-I | 0.4% | WT |
| sgRNA-pro13b | *1b* | +/+ | Pro13b-I/II | 0.0% | WT |
| *2b* | +/+ | Pro13b-I/II | 0.1% | WT |
| *3b* | +/+ | Pro13b-I/II | 0.2% | WT |
| *4b* | +/+ | Pro13b-I/II | 4.8% | Ins |
| *5b* | +/+ | Pro13b-I/II | 0.0% | WT |
| *6b* | +/+ | Pro13b-I/II | 0.0% | WT |
| *7b* | +/+ | Pro13b-I/II | 0.0% | WT |
| *8b* | +/+ | Pro13b-I/II | 12.6% | Del |
| *9b* | +/+ | Pro13b-I/II | 0.1% | WT |
| *10b* | +/+ | Pro13b-I/II | 0.0% | WT |
| aSymbol‘+’ and ‘-’ indicate that SpCas9/HygR genes are present or absent, respectively | | | | | |
| bIndel (Insertion & Deletion) frequency was calculated from Deep sequencing analysis | | | | | |